

### ***IN THE CLAIMS***

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### **Listing of Claims:**

1. (Canceled)

2. (Currently Amended) The system of claim 1, wherein the monitoring logic is further operable to monitor at least one fuel signal associated with a fuel monitor coupled to the AC plant, and the web server is operable to retrieve said at least one fuel signal, and to send a coded web page to display said at least one fuel signal to the user in the graphical format.

3. (Original) The system of claim 2, wherein the monitoring logic is further operable to monitor at least one DC output signal associated with a DC plant, and the web server is operable to retrieve said at least one DC output signal, and to send a coded web page to display said at least one DC output signal to the user in the graphical format.

4. (Original) The system of claim 3, wherein the monitoring logic is coupled to the DC plant via a data gathering unit.

5. (Original) The system of claim 4, wherein the coupling between the monitoring logic and the data gathering unit is a network.

6. (Currently Amended) ~~The~~ A web-based generator testing and monitoring system of claim 3, further comprising:

monitoring logic operable to monitor at least one AC output signal associated with an AC plant;

a web server coupled to the monitoring logic and to a network, the web server being operable to retrieve said at least one AC output signal, and to send a coded web page to display said at least one AC output signal to a user in a graphical format; and

storage logic coupled to the web server, the storage logic being operable to store at least one AC boundary point associated with the AC plant, at least one fuel boundary point associated with the fuel monitor, and at least one DC boundary point associated with the DC plant, wherein:

each of said at least one AC, fuel, and DC boundary points are provided to the user via the web server;

the monitoring logic is further operable to monitor at least one fuel signal associated with a fuel monitor coupled to the AC plant, and the web server is operable to retrieve said at least one fuel signal, and to send a coded web page to display said at least one fuel signal to the user in the graphical format; and

the monitoring logic is further operable to monitor at least one DC output signal associated with a DC plant, and the web server is operable to retrieve said at least one DC output signal, and to send a coded web page to display said at least one DC output signal to the user in the graphical format.

7. (Currently Amended) ~~The method system~~ of claim 6, further comprising:

alarm logic coupled to the monitoring logic and the storage logic, the alarm logic being operable to compare said at least one AC output signal with said at least one AC boundary point, said at least one fuel signal with said at least one fuel boundary point, and said at least one DC output signal with said at least one DC boundary point, and notify the user via the web server responsive to any of the signals being outside of their respective boundary points.

8. (Currently Amended) The system of claim 1, wherein the user accesses the information using a remote computer with a browser client via the network.

9. (Currently Amended) The system of claim 1, further comprising:  
test logic coupled to the web server, operable to provide the user with a remote interface to a house service panel at a site associated with the AC plant.

10. (Currently Amended) ~~The~~ A web-based generator testing and monitoring system of claim 9 comprising:  
monitoring logic operable to monitor at least one AC output signal associated with an AC plant; and  
web server logic coupled to the monitoring logic and to a network, the web server logic being operable to retrieve said at least one AC output signal, wherein the web server is operable to receive an input from the user and instruct the test logic to simulate a commercial power failure to be simulated at the a house service panel responsive to the input from the user.

11. (Original) The system of claim 10, wherein the house service panel is operable to turn on the AC plant, and switch from a commercial power source to a backup power source generated by the AC plant responsive to the commercial power failure.

12. (Original) The system of claim 10, wherein the web server is operable to receive an engine stop request from the user and instruct the test logic to stop the AC plant.

13. (Canceled)

14. (Currently Amended) The method of claim ~~13~~ 22, further comprising:  
monitoring at least one fuel signal associated with a fuel monitor coupled to the  
AC plant; and  
generating the graphically coded web page including said at least one fuel signal  
associated with the AC plant.

15. (Original) The method of claim 14, further comprising:  
monitoring at least one DC output signal associated with a DC plant; and  
generating the graphically coded web page including said at least one DC signal  
associated with the DC plant.

16. (Original) The method of claim 15, further comprising:  
providing a data gathering unit to monitor the DC plant.

17. (Original) The method of claim 16, further comprising:  
providing a second network to communicate said at least one AC output signal,  
said at least one fuel signal, and said at least one DC output signal to the user.

18. (Currently Amended) ~~The A method of claim 15~~ for web-based remote generator testing and monitoring, further comprising the steps of:  
monitoring at least one AC output signal associated with an AC plant;  
generating a graphically coded web page including said at least one AC output signal associated with the AC plant;  
storing at least one AC boundary point associated with the AC plant, at least one fuel boundary point associated with the fuel monitor, and at least one DC boundary point associated with the DC plant; ~~and~~  
generating the graphically coded web page including each of said at least one AC, fuel, and DC boundary points; and  
sending the coded web page to a user via a first network.

19. (Original) The method of claim 18, further comprising:  
comparing said at least one AC output signal with said at least one AC boundary point, said at least one fuel signal with said at least one fuel boundary point, and said at least one DC output signal with said at least one DC boundary point; and  
generating the graphically coded web page including an alarm responsive to any of the signals being outside of their respective boundary points.

20. (Currently Amended) The method of claim ~~13~~ 22, further comprising:  
providing access to the information for a user having a remote computer with a browser client connected to the first network.

21. (Currently Amended) The method of claim ~~13~~ 22, further comprising:  
providing a remote interface to the user to the test logic which is operable to control a house service panel associated with the AC plant.

22. (Currently Amended) ~~The A method of claim 21~~ for web-based remote generator testing and monitoring, the method, further comprising the steps of:  
monitoring at least one AC output signal associated with an AC plant;  
receiving an input from the user requesting to simulate a commercial power failure; and  
instructing the test logic to simulate the commercial power failure responsive to receiving the request from the user to simulate the commercial power failure.

23. (Original) The method of claim 22, wherein the house service panel is operable to turn on the AC plant, and switch from a commercial power source to a backup power source generated by the AC plant responsive to the commercial power failure.

24. (Original) The method of claim 22, further comprising:  
receiving an engine stop request from the user; and  
instructing the test logic to stop the AC plant.

25. (Canceled)

26. (Currently Amended) The program of claim ~~25~~ 34, further comprising:  
monitoring at least one fuel signal associated with a fuel monitor coupled to the AC plant; and  
generating the graphically coded web page including said at least one fuel signal associated with the AC plant.

27. (Original) The program of claim 26, further comprising:  
monitoring at least one DC output signal associated with a DC plant; and  
generating the graphically coded web page including said at least one DC signal associated with the DC plant.

28. (Original) The program of claim 27, further comprising:  
providing a data gathering unit to monitor the DC plant.

29. (Original) The program of claim 28, further comprising:  
providing a second network to communicate said at least one AC output signal,  
said at least one fuel signal, and said at least one DC output signal to the user.

30. (Currently Amended) The program of claim ~~25~~ 34, further comprising:  
storing at least one AC boundary point associated with the AC plant, at least one  
fuel boundary point associated with the fuel monitor, and at least one DC boundary point  
associated with the DC plant; and  
generating the graphically coded web page including each of said at least one AC,  
fuel, and DC boundary points.

31. (Original) The program of claim 30, further comprising:  
comparing said at least one AC output signal with said at least one AC boundary  
point, said at least one fuel signal with said at least one fuel boundary point, and said at  
least one DC output signal with said at least one DC boundary point; and  
generating the graphically coded web page including an alarm responsive to any  
of the signals being outside of their respective boundary points.

32. (Currently Amended) The program of claim ~~25~~ 34, further comprising:  
providing access to the information for a user having a remote computer with a  
browser client connected to the first network.

33. (Currently Amended) The program of claim 25 34, further comprising:  
providing a remote interface to the user to the test logic which is operable to control a house service panel associated with the AC plant.

34. (Currently Amended) ~~The~~ A computer readable medium having a program for web-based remote generator testing and monitoring of claim 33, the program further comprising the steps of:

monitoring at least one AC output signal associated with an AC plant;  
receiving an input from the user requesting to simulate a commercial power failure; and  
instructing ~~the~~ test logic to simulate the commercial power failure responsive to receiving the request from the user to simulate the commercial power failure.

35. (Original) The program of claim 34, wherein the house service panel is operable to turn on the AC plant, and switch from a commercial power source to a backup power source generated by the AC plant responsive to the commercial power failure.

36. (Original) The method of claim 34, further comprising:  
receiving an engine stop request from the user; and  
instructing the test logic to stop the AC plant.